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## PATENT ABSTRACTS OF JAPAN

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SAGARA RYOJI****(54) VOICE STORAGE DEVICE**

(57) Abstract:

**PURPOSE:** To improve the accuracy of DTMF detection by turning up the volume in reproducing the message if the DTMF reception level is high and turning down the volume if it is low according to the reception level of the DTMF signal transmitted by a subscriber by providing a DTMF reception level measurement section on a voice mail device.

**CONSTITUTION:** The system is provided with a line control unit 6 connected to the analog or digital telephone line and closing and opening the telephone line, a DTMF code detection section 5 detecting the code of the DTMF signal from the line control unit, a DTMF reception level measurement unit 10 measuring the reception level of the DTMF signal, a voice message storage unit storing the voice message, a reproduction control unit reproducing the voice message recorded on the voice message storage section and transmitting it through the line control unit 6 to the telephone line, a reproduction volume control unit 4 controlling the output volume of the reproduction control unit, and a central control section 9 controlling the reproduction control section and the line control section 6 to

integrate the voice message reproduction based on the control signal from the reproduction control section.

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